# Statewide Rail Capacity and System Needs Study Policy Package Development

presented to **Washington State Transportation Commission** presented by Cambridge Systematics, Inc. Berk & Associates, Inc. Global Insight, Inc. HDR, Inc. **Starboard Alliance Company Transit Safety Management** Willard F. Keeney & Associates July 18, 2006





### **Agenda**

- Policy package development presentation
- Review of project "guiding policy statements"
- Case studies (handout) of policy package development
- Discussion of policy framework approach





### **Objectives**

- Organize rail "improvements" into logical "packages" that support supply chains and industries
  - (Improvements could involve infrastructure, operations, or regulation; and could be led by the RRs, industry, or WS)
- Align project and package benefits, costs, and implementation strategies so that they can be compared
- Evaluate benefits of projects and packages against
  Washington State's statewide goals and policies for rail transportation and development





### "Policies" are...

- General policies governing the state's role in rail transportation such as
  - Washington State will invest in the rail sector to support economic development...
  - Washington State will maintain competition among RRs...
- Sector policies such as
  - Washington State will advance rail programs to maintain and enhance the competitiveness of the State's port and trade industries...
- Program policies such as
  - Washington State will invest in rail programs to improve landside access to rail terminals serving ports ....

Washington State

### "Policy Package" is a set of ...

- Projects/Actions, which could be capital infrastructure improvements, operational improvements, or regulatory actions, with project objectives and costs...
- Benefits described in terms of jobs, ROI, reduced accidents, etc., and identified for Washington State, shippers/receivers, railroads, and communities...
- Implementation Strategies, outlining roles, legal authority, and responsibilities for developing, financing, and implementing the projects—which might involve the railroads, local agencies, WSDOT or others...





### "Sector Policy Packages" are ...

- Alternative combinations of projects designed to advance some or all of the Washington State's policies for each specific sector
- For example, for the Ports/Trade Sector there might be several alternative policy packages...
  - "I-5 corridor policy package" that focuses on rail projects that maximize existing capacity along the I-5 rail corridor
  - "Stampede policy package" that focuses on providing eastwest throughput capacity
  - "Stampede/Ellensburg/Lind policy package" that focuses on providing east-west throughput capacity and economic development in Central Washington State by utilizing the state-owned ROW in the Ellensburg/Lind corridor..

### Elements of "Sector Policy Packages" for Port/Trade Sector

General Statewide Rail Policies

Port/Trade Sector Policies

**Program Goals** 

"I-5" Package or Scenario

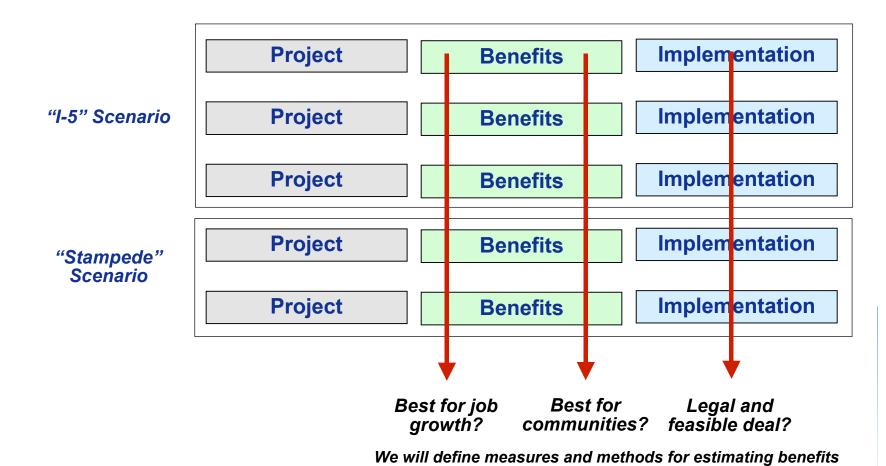
"Stampede" Package or Scenario ProjectBenefitsImplementationProjectBenefitsImplementationProjectBenefitsImplementationProjectBenefitsImplementationProjectBenefitsImplementation

We will define illustrative projects and packages based on available information





## Projects and Alternative Packages Would be Evaluated by Comparing Costs, Benefits, and Implementation Feasibility Against WS Policies and Goals



## Benefits Should Focus on a "Few Good Measures" That Are Critical to WTC and the WS Legislature, Such as...

### Washington State

- Jobs created (direct/indirect)
- Contribution to Gross State Product
- Transportation system capacity/performance (congestion reduction)
- Shippers/Receivers
  - Service access and quality
  - Reliability
  - Impact on shipping costs

#### Railroads/Carriers

- ROI
- Throughput/velocity
- Competition

#### Communities

- Economic development
- Access
- Safety concerns/issues
- Environmental Impacts/Mitigation req'd



## "Illustrative" Policy Packages will be developed for...

General **Statewide Rail Policies** Port/Trade Sector **Program/Projects Implementation Benefits Policies** Ag/Food Sector **Program/Projects Benefits Implementation Policies** Mfg/Ind Sector **Implementation Program/Projects Benefits Policies** Lumber/Wood **Program/Projects Implementation Benefits Sector Policies Passenger Rail Program/Projects Implementation Benefits Policies** 

We will define illustrative packages for the major sectors Illustrative means flagging key projects, not all projects





### "Statewide Policy Packages" are ...

- Alternative combinations of sector projects designed to advance some or all of the Washington State's general and sector policies, for example ...
  - An "economic development policy package" might focus on rail projects across industry sectors that maximize economic development and job growth across the state
  - An "agricultural/food products policy package" might focus on sustaining the agricultural/food products industry and Washington State communities dependent on this sector
  - An "I-5 corridor rail policy package" might focus on maximizing passenger rail and industrial carload service in the Seattle to Vancouver region





### Statewide "I-5 Policy Package" Might Combine...

General **Statewide Rail Policies** Mfg/Ind Sector **Program/Projects Implementation Benefits Policies Passenger Rail Implementation Program/Projects Benefits Policies Port/Trade Sector Program/Projects Implementation Benefits Policies** Best for job Best for Legal and communities? feasible deal? growth?



